



Control the pH of your tank/reservoir **AUTOMATICALLY!**



The **MC122** pH controller and dosing pump (**MP810/MP815**) provides fully automated pH control of aqueous solutions in hydroponic systems. It has been specifically designed to control the pH in mixing tanks for fertilization. The small and precise flow of the peristaltic pump allows you to maintain ideal pH values in your tank.

After selecting the desired pH setting from 5.5 to 9.5 pH, the pH controller measures the pH value of the solution and automatically adds pH adjustment (acid or alkaline) to change the liquid's pH to the selected level.

The **MP815** pump is with adjustable flow rate and dosing can be reduced by using a timer to turn the pump on and off at regular intervals.

Specifications	MP810	MP810 US
Max. Flow	1.5 L/h	0.6 L/h
Max. Pressure	2 bar	1.5 bar
Squeeze tubing	Santoprene	Santoprene
Ext. Tube connection	6 mm	6 mm
Power supply	240 VAC, 50-60 Hz	110 VAC, 60 Hz
Power consumption	7.7 W	0.42 W
Dimension	100 x 106 x 108 mm	100 x 106 x 108 mm
Weight	600 g	500 g

Specifications	MP815	MP815 US
Adjustable Flow	0.0 to 2.2 L/h	0.0 to 2.2 L/h
Max. Pressure	2 bar	1.5 bar
Squeeze tubing	Santoprene	Santoprene
Ext. Tube connection	6 mm	6 mm
Power supply	240 VAC, 50-60 Hz	110 VAC, 60 Hz
Power consumption	7.7 W	0.42 W
Dimension	100 x 106 x 108 mm	100 x 106 x 108 mm
Weight	600 g	500 g



MC122 pH Controller

Ordering Information

MP810 and **MP815** are supplied complete with mounting bracket, screws, 1.5 meter Ext. PE tubing, Filter, Fitting, 2,6 meter Power cable.

MC122 is supplied complete with MA9310 12 VDC adapter, MA911B/2 pH electrode, 20 mL pH4.01 sachet of calibration solution, 20 mL pH7.01 sachet of calibration solution, calibration screwdriver and instructions.

You can also order **MC122** with **MP810** in a kit (**MC720**).

Accessories

- M10000B** Electrode rinse solution 20 mL sachet (25 pcs)
- M10004B** pH 4.01 buffer solution 20 mL sachet (25 pcs)
- M10007B** pH 7.01 buffer solution 20 mL sachet (25 pcs)
- M10010B** pH 10.01 buffer solution 20 mL sachet (25 pcs)



- MA9015** Electrode storage solution 20 mL sachet (25 pcs)
- MA9310** 12 VDC Adapter, 220 V
- MA9311** 12 VDC Adapter, 110 V
- MA911B/2** Double junction, gel filled pH electrode with 1 m cable



MC720 kit, including MC122 pH Controller and MP810 Dosing Pump